



INVESTIGATOR'S ANNUAL REPORT

United States Department of the Interior
National Park Service

All or some of the information you provide may become available to the public.

OMB # (1024-0236)
Exp. Date (11/30/2010)
Form No. (10-226)

Reporting Year: 2008	Park: Shenandoah NP	Select the type of permit this report addresses: Scientific Study	
Name of principal investigator or responsible official: William McShea		Office Phone: 540 635 6563	
Mailing address: Conservation and research Center 1500 Remont Road Front Royal, VA 22630 US		Office FAX 540 635 6506 Office Email mcsheaw@si.edu	
Additional investigators or key field assistants (first name, last name, office phone, office email) No co-investigators			
Project Title (maximum 300 characters): Impact of white-tailed deer on select forest vertebrates			
Park-assigned Study or Activity #: SHEN-00127	Park-assigned Permit #: SHEN-2004-SCI-0002	Permit Start Date: Jan 12, 2004	Permit Expiration Date: Jan 12, 2010
Scientific Study Starting Date: Jan 12, 2004		Estimated Scientific Study Ending Date: Jan 12, 2010	
For either a Scientific Study or a Science Education Activity, the status is: Continuing		For a Scientific Study that is completed, please check each of the following that applies: <input type="checkbox"/> A final report has been provided to the park or will be provided to the park within the next two years <input type="checkbox"/> Copies of field notes, data files, photos, or other study records, as agreed, have been provided to the park <input type="checkbox"/> All collected and retained specimens have been cataloged into the NPS catalog system and NPS has processed loan agreements as needed	
Activity Type: Monitoring			
Subject/Discipline: Mammals			

Purpose of Scientific Study or Science Education Activity during the reporting year (maximum 4000 characters):

To document how forest structure and species composition is affected by white-tailed deer through the monitoring of 4 ha deer exclosures and control sites in SNP and other protected forests in region.

Findings and status of Scientific Study or accomplishments of Science Education Activity during the reporting year (maximum 4000 characters):

The only activity for this year was to continue to maintain the integrity of the fences and to measure acorn production at 4 sites within SNP. Acorn production is measured with 50 mast collectors at each 4 ha site and ranged from 21-154 acorns per 4 ha site. This is a low production compared to previous years.

For Scientific Studies (not Science Education Activities), were any specimens collected and removed from the park but not destroyed during analysis?

No

Funding specifically used in this park this reporting year that was provided by NPS (enter dollar amount):

\$0

Funding specifically used in this park this reporting year that was provided by all other sources (enter dollar amount):

\$0

List any other U.S. Government Agencies supporting this study or activity and the funding each provided this reporting year:

Paperwork Reduction Act Statement: A federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. Public reporting for this collection of information is estimated to average 1.625 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding this burden estimate or any aspect of this form to Dr. John G. Dennis, Natural Resources (3127 MIB), National Park Service, 1849 C Street, N.W., Washington, DC 20240.